

Datasheet for ABIN7555030
PMS1 Protein (AA 1-932) (His tag)



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Overview

Quantity:	1 mg
Target:	PMS1
Protein Characteristics:	AA 1-932
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMS1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PMS1 Protein expressed in mammalien cells.
Sequence:	MKQLPAATVR LLSSSQIITS VSVVKELIE NSLDAGATSV DVKLENYGFD KIEVRDNGEG IKAVDAPVMA MKYYTSKINS HEDLENLTTY GFRGEALGSI CCIAEVLITT RTAADNFSTQ YVLDGSGHIL SQKPSHLGQG TTVTALRLFV NLPVRKQFYS TAKKCKDEIK KIQDLLMSFG ILKPDLRIVF VHNKAVIWQK SRVSDHKMAL MSVLGTAVMN NMESFQYHSE ESQIYLSGFL PKCDADHSFT SLSTPERSFI FINSRPVHVK DILKLIRHHY NLKCLKESTR LYPVFFLKID VPTADVVDNL TPKSQVLLQ NKESVLIALE NLMTTCYGPL PSTNSYENNK TDVSAADIVL SKTAETDVLV NKVESSGKNY SNVDTSVIPF QNDMHNDESG KNTDDCLNHQ ISIGDFGYGH CSSEISNIDK NTKNAFQDIS MSNVSWENSQ TEYSKTCFIS SVKHTQSENG NKDHIDESGE NEEEAGLENS SEISADEWSR GNILKNSVGE NIEPVKILVP EKSLPCKVSN NNYPIPEQMN LNEDSCNKKS NVIDNKSGKV TAYDLLSNRV IKKPMASASAL FVQDHRPQFL IENPKTSLED ATLQIEELWK TLSEEEKLKY EEKATKDLER YNSQMKRAIE QESQMSLKDG RKKIKPTSAW

Product Details

NLAQKHKLKT SLSNQPKLDE LLQSQIEKRR SQNIKMVQIP FSMKNLKINF KKQNKVDLEE
KDEPCLIHNL RFPDAWLMTS KTEVMLLNPY RVEEALLFKR LLENHKLPAE PLEKPIMLTE
SLFNNGSHYLD VLYKMTADDQ RYSGSTYLSL PRLTANGFKI KLIPGVSITE NYLEIEGMAN
CLPFYGVADL KEILNAILNR NAKEVYECRP RKVISYLEGE AVRLSRQLPM YLSKEDIQDI

IYRMKHQFGN EIKECVHGRP FFHHLTYLPE TT **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PMS1

Alternative Name:

PMS1 ([PMS1 Products](#))

Background:

PMS1 protein homolog 1 (DNA mismatch repair protein PMS1),FUNCTION: Probably involved in the repair of mismatches in DNA. {ECO:0000269|PubMed:10748105}.

Molecular Weight:

105.8 kDa

UniProt:

[P54277](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
